

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/22547

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B07C5/342 B07B9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B07B B07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	WO 99 37412 A (SVANTE BJÖRK AB ET AL) 29 July 1999 (1999-07-29) cited in the application abstract page 1, line 4 -page 2, line 8 page 5, line 7 -page 8, line 6 page 9, line 17 - line 20; figures --- -/-	1,8, 10-15 16,24,25



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

19 March 2004

Date of mailing of the international search report

29/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	GB 2 033 881 A (GUNSON'S SORTEX LIMITED) 29 May 1980 (1980-05-29) abstract page 1, line 5 - line 9 page 1, line 103 -page 2, line 17 page 2, line 62 - line 86 page 2, line 101 - line 112 page 2, line 129 -page 3, line 18; figures	16,17, 23,24 1,8, 10-15, 18-20,25 9
Y A	US 2003/127366 A1 (IKEDA ET AL) 10 July 2003 (2003-07-10) abstract paragraph '0003! - paragraph '0005! paragraph '0008! paragraph '0020! - paragraph '0025!; figures	18,20 1-3,5, 11-13, 16,24-26
Y A	US 5 071 541 A (THOMPSON) 10 December 1991 (1991-12-10) abstract column 1, line 6 - line 17 column 1, line 66 -column 2, line 29 column 3, line 48 -column 4, line 26; figures	19 1,2,4,5, 8,10,16, 18,23, 25,26
Y A A	US 4 631 124 A (PAULSON) 23 December 1986 (1986-12-23) cited in the application the whole document	25 1,8-10, 14,16,23
A	US 6 355 897 B1 (BJÖRK) 12 March 2002 (2002-03-12) cited in the application abstract column 1, line 5 - line 44 column 2, line 43 -column 3, line 32 column 4, line 18 -column 5, line 30; figures 1,2	1,11-16, 24,25

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 705 650 A (SATAKE CORPORATION) 10 April 1996 (1996-04-10) cited in the application</p> <p>abstract column 1, line 5 - line 58 column 4, line 49 - line 52 column 6, line 29 - line 32 column 7, line 32 - line 47 column 8, line 17 - column 9, line 4 column 10, line 26 - line 53; figures -----</p>	<p>1,2,5, 11-13, 16,18, 24-26</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

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